P8P67 LE Specification

Note: The specifications are subject to change without notice.

CPU	LGA1155 socket for Intel® Second Generation Core™ i7 / Core™ i5 / Core™ i3 processors
	Supports 32nm CPU
	Supports Enhanced Intel® SpeedStep Technology (EIST)
	Supports Intel® Turbo Boost technology 2.0
	* The Intel® Turbo Boost technology 2.0 support depends on the CPU tpyes.
	** Refer to www.asus.com for Intel® CPU support list.
Chipset	Intel® P67 Express Chipset
Memory	4 x DIMM, max. 32GB*, DDR3 2200(O.C.)**/ 2133(O.C.) / 1866 (O.C.) / 1600 (O.C.) / 1333 / 1066 MHz, non-ECC, un-buffered memory
	Dual channel memory architecture
	Supports Intel® Extreme Memory Profile (XMP)
	* The maximum 32GB memory capacity can be supported with 8GB or above DIMMs. ASUS will update the memory QVL once the DIMMs are available in the market.
	** Due to CPU behavior, DDR3 2200/2000/1800 MHz memory module will run at DDR3 2133/2133/1866/1600 MHz frequency as default.
	*** Hyper DIMM support is subject to the physical characteristics of individual CPUs. Some hyper DIMMs only support one DIMM per channel. Refer to the Memory QVL (Qualified Vendors List) for details.
	**** Refer to www.asus.com for the latest Memory QVL (Qualified Vendors List).
	***** When you install a total memory of 4GB capacity or more, Windows® 32-bit operating system may only recognize less than 3GB. We recommend a maximum of 3GB system memory if you are using a Windows® 32-bit operating system.
Expansion Slots	1 x PCI Express 2.0 x16 slot (blue, single at x16 mode)
	1 x PCI Express 2.0 x16 slot (black, at x4 mode, compatible with PCI Express x1 and x4 devices)
	2 x PCI Express 2.0 x1 slots
	3 x PCI slots
	* The PCIe x1 slots share the bandwidth with the PCIe x16_2 slot. **Due to the CrossFireX™ limitation, DO NOT use the PCIe x1 slots when you install two CrossFireX™ graphics cards on both the PCIe x16 slots to set up a CrossFireX™ configuration. ***To disable the PCIe X1 slot, refer to the Onboard Devices Configuration section in the BIOS for details.
Multi-GPU Support	Supports ATI® Quad-GPU CrossFireX™ technology
Storage	Intel® P67 Express Chipset
	- 4 x Serial ATA 3.0 Gb/s connectors (blue)
	- 2 x Serial ATA 6.0 Gb/s connectors (gray)
	- Intel® Rapid Storage technology with RAID 0, 1, 5, and 0+1(10) support
	Marvell® 88SE9120 controller:
	- 1 x eSATA port (6.0 Gb/s ready)
	- 1 x Serial ATA 6.0 Gb/s connector (navy blue)
	- 1 x Ultra DMA 133/100/66 connector for up to 2 PATA devices
LAN	Realtek® 8111E Gigabit LAN controller
Audio	Realtek® ALC892 8-channel High Definition Audio CODEC
	- BD Audio Layer Content Protection
	- Supports 192khz/24bit BD Lossless Sound
	- Supports Jack-detection, Multi-streaming, and Front Panel Jack-Retasking
	- Optical S/PDIF Out port at back I/O
IEEE 1394	VIA® VT6308P controller supports 2 x IEEE 1394a ports (1 port at the mid-board, 1 port at the back panel)
USB	USB3.0 controller:
	- 2 x USB 3.0 ports (blue, at the back panel)
	Intel® P67 Express Chipset:
	- 14 x USB 2.0/1.1 ports (8 ports at the mid-board, 6 ports at the back panel)
Special Features	100% All High-quality Conductive Polymer Capacitors
	ASUS Xtreme Design
	ASUS Hybrid Processor – TurboV EVO
	- TurboV, Auto Tuning
	ASUS Protect 3.0 Design
	- ASUS Anti-Surge Protection
	- Low EMI
	- ESD
	- EPU
	ASUS Exclusive Features
	- Anti-Surge protection

ASUS Unique Features	- LOW EMI
	- ESD
	ASUS Hybrid Switches
	- MemOK! Button
	- TPU switch
	ASUS Quiet Thermal Solutions
	- ASUS Fanless Design: Stylish Heatsink Solution & MOS Heatsink
	- ASUS Fan Xpert
	ASUS EZ DIY:
	- ASUS EFI BIOS
	- ASUS AI Suite II
	- ASUS CrashFree BIOS 3
	- ASUS MyLogo 2
	- ASUS EZ Flash 2
ASUS Exclusive Overclocking Features	**Precision Tweaker:**
	- vCore: Adjustable CPU voltage at 0.005V increment
	- vCCIO: Adjustable I/O voltage at 0.005V increment
	- vDRAM Bus: 190-step Memory voltage control
	- vPCH: 190-step Chipset voltage control
	SFS (Stepless Frequency Selection)
	- BCLK/PEG frequency tuning from 80MHz up to 300MHz at 1MHz increment
	Overclocking Protection:
	- ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard (Purple)
	1 x PS/2 mouse (Green)
	1 x Optical S/PDIF Output
	1 x RJ45 port
	1 x eSATA Port
	1 x IEEE 1394a port
	2 x USB 3.0 ports (blue)
	6 x USB 2.0/1.1
	8-channel Audio I/O
Internal I/O Connectors	4 x USB 2.0/1.1 connectors support additional 8 USB 2.0/1.1 ports
	1 x IDE connector
	4 x SATA 3.0 Gb/s ports
	3 x SATA 6.0 Gb/s ports
	1 x CPU Fan connector
	2 x Chassis Fan connectors
	1 x Power Fan connectors
	1 x TPU switch
	1 x MemOK! Button
	1 x Front panel audio connector
	1 x IEEE 1394a connector
	1 x S/PDIF Out connector
	1 x System Panel
	1 x COM connector
	1 x 24-pin ATX Power connector
	1 x 8-pin ATX 12V Power connector
BIOS	32 Mb Flash ROM, EFI BIOS, PnP, DMI v2.0, WfM 2.0, ACPI v2.0a, SM BIOS v2.6, Multi-language BIOS
Manageability	WOL by PME, WOR by PME, PXE
Accessories	1 x UltraDMA 133/100 cable
	1 x Serial ATA 6.0Gb/s cables
	2 x Serial ATA 3.0Gb/s cables
	1 x I/O shield
	User's manual
Support DVD	Drivers
	ASUS Utilities
	ASUS Update
	Anti-virus software (OEM version)
Form Factor	ATX Form Factor, 12”x 8.8” (30.5cm x 22.4cm)